

HITCH CONTROL SYSTEM WITH SPRING CENTERED CONTROL LEVER

Abstract of the Disclosure

A hitch control system controls a vehicle hitch to which implements can be attached. The hitch control system includes a spring-centered primary command lever which is manually moveable from a centered position to deflected positions, and which automatically returns to the centered position when released from a deflected position. A control unit generates a hitch command signal in part as a function of the lever position. The control unit has a closed-loop control mode wherein the valve command signal is generated in response to parameter, such as position and draft force, and the hitch command signal. The control unit moves the hitch in a step-wise manner by a predetermined amount in response to momentary deflection of the command lever to one of the deflected positions. and the amount of hitch movement is independent of an amount and duration of deflection of the command lever if the duration is not more than a predetermined duration.